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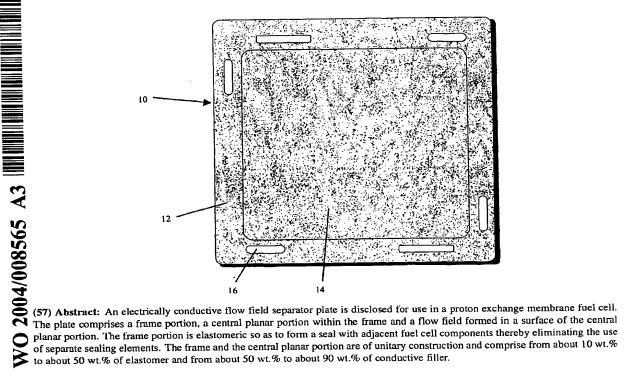
- (71) Applicant (for all designated States except US): DUPONT CANADA INC. [CA/CA]; 7070 Mississauga Road, Mississauga, Ontario L5M 2H3 (CA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): CAI, Yuqi |CA/CA|; 252 Waterloo Drive, Kingston, Ontario K7M 8P2 (CA). CHOPRA, Divya [IN/CA]; 62 Old Oak Road, Apt. 408, Kingston, Ontario K7M 6X3 (CA). PETERS, Jay, A.

[CA/CA]; 1827 Westgrove Drive, Brights Grove, Ontario NON 1CO (CA). WALLER, Michael [CA/CA]; 481 Regency Crescent, Waterloo, Ontario NON 1C0 (CA). XIE, Tuyu [CA/CA]; 944 Nottinghill Avenue, Kingston, Ontario K7P 2B8 (CA).

- (74) Agents: CLARIZIO, Dino, P. et al.; Dimock Stratton Clarizio, 20 Queen Street West, Suite 3202, Box 102, Toronto, Ontario M5II 3R3 (CA).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,

[Continued on next page]

(54) Title: ELASTOMERIC SEPARATOR PLATES AND METHOD OF FABRICATION



to about 50 wt.% of elastomer and from about 50 wt.% to about 90 wt.% of conductive filler.

#### 

SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 29 December 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

From the INTERNATIONAL SEARCHING AUTHORITY

NOV 1 5 2004

RECEIVED

NOTIFICATION OF TRANSMITTAL OF

To: DIMOCK STRATTON CLARIZIO THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION Attn. Clarizio, Dino P. 20 Queen St. West Suite 3202, Box 102 (PCT Rule 44.1) Toronto, Ontario M5H 3R3 CANADA NOV 2 4 2004 Date of mailing (day/month/year) 15/11/2004 Applicant's or agent's file reference See paragraphs 1 and 4 below FOR FURTHER ACTION 53389-755-294/DPC International filing date International application No. (day/month/year) 18/06/2003 PCT/CA 03/00920 Applicant DUPONT CANADA INC.

1. X	The applicant is hereby notified that the International Search Report has been established ar	nd is transmitted herewith.						
	Filing of amendments and statement under Article 19:  The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):							
	When? The time limit for filing such amendments is normally 2 months from the date of trainternational Search Report; however, for more details, see the notes on the accordance.	nsmittal of the name of the na						
	Where? Directly to the International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Fascimile No.: (41–22) 740.14.35							
	For more detailed instructions, see the notes on the accompanying sheet.	•						
2.	The applicant is hereby notified that no International Search Report will be established and Article 17(2)(a) to that effect is transmitted herewith.	hat the declaration under						
3.	With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the a	applicant is notified that:						
	the protest together with the decision thereon has been transmitted to the international applicant's request to forward the texts of both the protest and the decision thereon to	Bureau together with the the designated Offices.						
	no decision has been made yet on the protest; the applicant will be notified as soon as	a decision is made.						
	Further action(s): The applicant is reminded of the following:							
lf n	Shortly after <b>18 months</b> from the priority date, the international application will be published by the lift the applicant wishes to avoid or postpone publication, a notice of withdrawal of the internation priority claim, must reach the International Bureau as provided in Rules 90 <i>bis</i> .1 and 90 <i>bis</i> .3, recompletion of the technical preparations for international publication.							
l w	Within 19 months from the priority date, a demand for international preliminary examination mus wishes to postpone the entry into the national phase until 30 months from the priority date (in so	offic Ginese even talery						
l 5	Within 20 months from the priority date, the applicant must perform the prescribed acts for entry before all designated Offices which have not been elected in the demand or in a later election priority date or could not be elected because they are not bound by Chapter II.	into the national phase within 19 months from the						

Name and malling address of the International Searching Authority

European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

Fax: (+31-70) 340-3016

Authorized officer

Maria Van der Hoeven



These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

### INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international polication. Furthermore, it should be emphasized that provisional protection is available in some States only.

#### What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

#### When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

#### Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been its filed, see below.

#### How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

#### What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

# The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]:
   "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers;
   claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]:
   "Claims 1 to 15 replaced by amended claims 1 to 11."
- [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:

   "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
   "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- 4. [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

#### "Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

#### it must be in the language in which the international appplication is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended, it must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

### Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

#### Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's

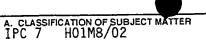


## INTERNATIONAL SEARCH REPORT

2 2004

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	(Form PCT/ISA/2	of Transmittal of International Search Report (20) as well as, where applicable, item 5 below.								
755-294/DPC	ACTION International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)								
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PCT/CA 03/00920	18/06/2003	10/07/2002								
Applicant										
DUPONT CANADA INC.										
This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.										
This International Search Report consists	of a total of sheets.									
X It is also accompanied by	a copy of each prior art document cited in this	s report.								
Basis of the report										
a. With regard to the language, the	international search was carried out on the balless otherwise indicated under this item.	asis of the international application in the								
Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of									
was carried out on the basis of the contained in the internation	b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:  contained in the international application in written form.									
filed together with the inte	ernational application in computer readable for	rm.								
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	o this Authority in computer readble form.									
international application	bsequently furnished written sequence listing as filed has been furnished.	5' 16 v								
the statement that the inf furnished	the statement that the information recorded in computer readable form is identical to the written sequence listing has been									
2. Certain claims were for	und unsearchable (See Box I).									
3. Unity of invention is la	3. Unity of invention is lacking (see Box II).									
4. With regard to the title,		·								
2	submitted by the applicant.	·								
` <u> </u>	ished by this Authority to read as follows:									
5. With regard to the abstract,  X the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.										
•	blished with the abstract is Figure No.	1								
X as suggested by the app		None of the figures.								
· · · · · ·	alled to suggest a figure.									
because this figure better characterizes the invention.										



According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 HO1M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, COMPENDEX, INSPEC

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 100 41 209 A (FREUDENBERG CARL FA) 2 August 2001 (2001-08-02)	1-9, 11-19, 21-26
	claims 1-42; example 1	
X	WO 02/15302 A (WORLD PROPERTIES INC) 21 February 2002 (2002-02-21)	1-9, 11-19, 21-26
	the whole document	
Ρ,Χ	EP 1 248 311 A (MITSUBISHI CHEM CORP) 9 October 2002 (2002-10-09) paragraphs '0021!, '0024!, '0037!; claims 1-44	1-26
A	EP 1 107 340 A (GEN MOTORS CORP) 13 June 2001 (2001-06-13) the whole document	1-26

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance  'E' earlier document but published on or after the international filing date  'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filing date but later than the priority date claimed	<ul> <li>'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>'&amp;' document member of the same patent family</li> </ul>
Date of the actual completion of the international search	Date of mailing of the international search report
4 November 2004	15/11/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Reich, C

	rma	ation on patent family mer	nbers	T/CA 03/00920			
Patent document cited in search report	Publication date			Patent family member(s)	Publication date		
DE 10041209	A	02-08-2001	CA DE JP	2317059 A1 10041209 A1 2001089668 A	27-02-2001 02-08-2001 03-04-2001		
WO 0215302	A .	21-02-2002	AU DE GB WO US	8543601 A 10196589 TO 2383892 A ,B 0215302 A2 2002037448 A1	25-02-2002 10-07-2003 09-07-2003 21-02-2002 28-03-2002		
EP 1248311	Α	09-10-2002	CN EP JP US	1379487 A 1248311 A2 2002367620 A 2002180088 A1	13-11-2002 09-10-2002 20-12-2002 05-12-2002		
EP 1107340	A	13-06-2001	US CA EP JP	6372376 B1 2323035 A1 1107340 A2 2001196080 A	16-04-2002 07-06-2001 13-06-2001 19-07-2001		

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